ELSEVIER

Speech Communication 27 (1999) 375–376

SPEECH COMMUNICATION

Cumulative contents of Volume 27

Volume 27, Number 1, February 1999

Papers

S. Feijoo, S. Fernandez and R. Balsa
Acoustic and perceptual study of phonetic integration in Spanish voiceless stops 1
K. Reinhard and M. Niranjan
Parametric subspace modeling of speech transitions 19
K. Arai, J.H. Wright, G. Riccardi and A.L. Gorin
Grammar Fragment acquisition using syntactic and semantic clustering 43
T. Fukada, T. Yoshimura and Y. Sagisaka
Automatic generation of multiple pronunciations based on neural networks 63

Advance table of contents 75

News 77

Volume 27, Number 2, March 1999

Papers

L.M. Arslan and D. Talkin
Codebook based face point trajectory synthesis algorithm using speech input 81
D. van Kuijk and L. Boves
Acoustic characteristics of lexical stress in continuous telephone speech 95
G.Y. Chung and S. Seneff
A hierarchical duration model for speech recognition based on the ANGIE framework 113
S. Kuroiwa, M. Naito, S. Yamamoto and N. Higuchi
Robust speech detection method for telephone speech recognition system 135

Advance table of contents 149

News 151

Volume 27, Numbers 3–4, April 1999

Special Issue on Computational Auditory Scene Analysis
Guest Editors: Martin Cooke and Hiroshi Okuno

Papers

M. Cooke and H. Okuno
Introduction to the Special Issue on Computational Auditory Scene Analysis 155
J. Barker and M. Cooke
Is the sine-wave speech cocktail party worth attending? 159
A. de Cheveigné and H. Kawahara
Multiple period estimation and pitch perception model 175

H. Kawahara, I. Masuda-Katsuse and A. de Cheveigné
Restructuring speech representations using a pitch-adaptive time–frequency smoothing and an instantaneous-frequency-based F0 extraction: Possible role of a repetitive structure in sounds 187
T. Nakatani and H.G. Okuno
Harmonic sound stream segregation using localization and its application to speech stream segregation 209
J. Huang, N. Ohnishi, X. Guo and N. Sugie
Echo avoidance in a computational model of the precedence effect 223
I. Masuda-Katsuse and H. Kawahara
Dynamic sound stream formation based on continuity of spectral change 235
M. Unoki and M. Akagi
A method of signal extraction from noisy signal based on auditory scene analysis 261
D.P.W. Ellis
Using knowledge to organize sound: The prediction-driven approach to computational auditory scene analysis and its application to speech/nonspeech mixtures 281
H.G. Okuno, T. Nakatani and T. Kawabata
Listening to two simultaneous speeches 299
M. Goto and Y. Muraoka
Real-time beat tracking for drumless audio signals: Chord change detection for musical decisions 311
K. Kashino and H. Murase
A sound source identification system for ensemble music based on template adaptation and music stream extraction 337
D. Godsmark and G.J. Brown
A blackboard architecture for computational auditory scene analysis 351

Advance table of contents 367

News 369

Author index of Volume 27 373

Cumulative contents of Volume 27 375

Articles marked with this symbol include references to speech files which can be retrieved at **http://www.elsevier.nl/locate/specom**.
Advance tables of contents can be retrieved at **http://www.elsevier.nl/locate/specom**.